**To:** Robert Law[rlaw@demaximis.com]; Vaughn, Stephanie[Vaughn.Stephanie@epa.gov]; Flanagan, Sarah[Flanagan.Sarah@epa.gov]
**Cc:** Johns, Mike[MikeJ@windwardenv.com]; Lisa Saban[LisaS@windwardenv.com]; William Hyatt[william.hyatt@klgates.com]; Willard Potter[otto@demaximis.com]
**From:** Nace, Charles
**Sent:** Thur 7/30/2015 2:50:19 PM
**Subject:** RE: July 27

I saw that last night too…it should read "The bivariate Spearman Rank Correlation analysis can also be included, however, interpretative issues related to potentially inadequate sample size (i.e., related to statistical power) should be discussed in the risk characterization section.

**Chuck Nace**|Environmental Toxicologist|USEPA Region 2|290 Broadway, 18th Floor|New York, NY 10007|T: 212-637-4164|e-mail: nace.charles@epa.gov

**From:** Robert Law [mailto:rlaw@demaximis.com]
**Sent:** Thursday, July 30, 2015 10:14 AM
**To:** Vaughn, Stephanie; Nace, Charles; Flanagan, Sarah
**Cc:** Johns, Mike; Lisa Saban; William Hyatt; Willard Potter
**Subject:** July 27

I was preparing the action item list from the July 29 teleconference this morning and was re-reading the Region July 28 version of the Region's Sediment Quality Triad Methodology. This statement appears to be an incomplete thought - please review and clarify.

**Sediment Chemistry:** Sediment chemistry is an important component of t
draft BERA compared sediment chemistry data to NJDEP Sediment Qualit
screening purposes. The comparison criteria that should be used are T20
chemistry for each individual sample should be evaluated (Field et al 200
evaluation, that does not receive a scoring value as part of the SQT, shou
on a previous call, a multivariate analysis should be conducted, possibly i
regression analysis. The bivariate Spearman Rank Correlation analysis can
interpretive issues related to potentially inadequate samples sizes (i.e., re
methods that were identified by the CPG were principal component analy
would need to review the approach being implemented to ensure that th
parameters are acceptable. A third line of evidence that was presented in
also be retained.

Thank you.

R/

Rob

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